BRUHAT BANGALORE MAHANAGARA PALLIKE

Comparitive Statement (ERIL)

Name of Work: Modified Estimate for Improvements to Road and Drains at Babanagara Cross Roads in ward No 05 Byatarayanapura Sub Division

name of Contractor : Sri Gopireddy

Estimated Cost. 20.00 laksh

Tender Amount. 2075229.00

Work Order No. EE/BTP/BBMP/E-PMT/85/2014-15

Sl No	Description	Unit	As per Sanction Estimate			As per Tender Items			As per Actual Modified Est			Modified Tender Items			Remaks
			Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	Qty	Rate	Amount	
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	cum	212.40	126.36	**26838.86**	212.40	140.00	**29736.00**	212.40	140.00	**29736.00**	212.40	140.00	**29736.00**	
2	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in **Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Cum	119.07	227.88	**27133.67**	119.07	240.00	**28576.80**	119.07	240.00	**28576.80**	119.07	240.00	**28576.80**	

3	Removing B.S Slab of Drain and stacking with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Sqm	831.60	50.11	**41671.48**	831.60	55.00	**45738.00**	831.60	55.00	**45738.00**	831.60	55.00	**45738.00**	
4	Refixing stone slabs of drains and pointing in C.M (1:3) with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Sqm	831.60	70.04	**58245.26**	831.60	75.00	**62370.00**	831.60	75.00	**62370.00**	831.60	75.00	**62370.00**	
5	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	**Sqm**	356.40	343.44	**122402.02**	356.40	360.00	**128304.00**	356.40	360.00	**128304.00**	356.40	360.00	**128304.00**	
6	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	**Cum**	18.43	4290.84	**79080.18**	18.43	4400.00	**81092.00**	18.43	4400.00	**81092.00**	18.43	4400.00	**81092.00**	
7	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	cum	34.02	3549.96	**120769.64**	34.02	3700.00	**125874.00**	34.02	3700.00	**125874.00**	34.02	3700.00	**125874.00**	

8	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	**Sqm**	28.35	4227.35	**119845.37**	28.35	4400.00	**124740.00**	28.35	4400.00	**124740.00**	28.35	4400.00	**124740.00**	
9	KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	**Sqm**	73.61	244.08	**17966.73**	73.61	260.00	**19138.60**	73.61	260.00	**19138.60**	73.61	260.00	**19138.60**	
10	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix **M10** withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	**cum**	10.08	4737.96	**47758.64**	10.08	4900.00	**49392.00**	9.98	4900.00	**48902.00**	9.98	4900.00	**48902.00**	

11	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix **M20** withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	**Cum**	23.91	5639.76	**134846.66**	23.91	5800.00	**138678.00**	23.91	5800.00	**138678.00**	23.91	5800.00	**138678.00**	
12	KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	**Qtl**	23.91	7380.72	**176473.02**	23.91	7500.00	**179325.00**	23.91	7500.00	**179325.00**	23.91	7500.00	**179325.00**	
13	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Sqm	63.00	79.92	**5034.96**	63.00	90.00	**5670.00**	63.00	90.00	**5670.00**	63.00	90.00	**5670.00**	

14	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Cum	144.00	1121.04	**161429.76**	144.00	1200.00	**172800.00**	144.00	1200.00	**172800.00**	144.00	1200.00	**172800.00**	
15	KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Sqm	720.00	100.60	**72432.00**	720.00	110.00	**79200.00**	720.00	110.00	**79200.00**	720.00	110.00	**79200.00**	
16	KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Cum	18.00	9631.44	**173365.92**	18.00	10160.00	**182880.00**	18.00	10160.00	**182880.00**	18.00	#######	**182880.00**	

17	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Sqm	399.00	1427.15	**569432.85**	399.00	1500.00	**598500.00**	399.00	1500.00	**598500.00**	399.00	1500.00	**598500.00**	
18	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km with all lead and lift etc complete as per specifications and directions of engineer in charge of the work	Cum	331.47	67.32	**22314.56**				331.47	70.66	**23421.67**	331.47	70.66	**23421.67**	
Total					**1977041.58**			**2052014.40**			**2074946.07**			**2074946.07**	

Note:

1 As per Lead Approved by Chief Engineer Yelahanka Zone for Notesheet Para No. 19 and Joint Commissioner Yelahanka Zone Approved No. 1776/14-15 and Dated. 27.08.2014 and Notesheet Para No. 4 and 5

AE-05

Assistant Executive Engineer
Byatarayanapura Sub-Division
B.B.M.P. Bangalore

Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore-560092